

Online Supplement Data 3: JSC Data

	Materials Science, Multidisciplinary	Physics, Applied	Chemistry, Physical	Chemistry, Multidisciplinary	Nanoscience & Nanotechnology	Physics, Condensed Matter	Polymer Science
Argentina	0.856	0.517	1.502	0.601	0.699	1.126	0.939
Australia	1.120	0.900	1.196	1.008	1.061	0.737	1.116
Austria	0.966	1.080	0.960	0.676	0.972	1.234	0.648
Belgium	0.946	0.964	1.155	0.998	1.004	1.055	1.081
Brazil	0.850	0.752	0.872	0.673	0.850	1.092	1.271
Bulgaria	0.829	0.784	1.180	0.703	0.517	1.021	1.507
Canada	0.861	0.791	0.987	0.900	0.978	0.761	1.138
Chile	0.680	0.587	0.709	0.642	0.551	1.218	1.455
China	1.111	0.911	1.104	1.019	0.944	0.878	1.133
Czech	0.940	0.909	0.932	0.856	0.735	1.171	1.323
Denmark	0.807	0.808	1.116	1.009	1.128	1.024	0.588
Egypt	0.925	0.582	0.831	0.533	0.682	0.969	1.833
Finland	0.801	0.930	0.994	0.701	0.997	1.185	1.131
France	0.929	0.987	1.093	0.834	0.866	1.163	1.000
Germany	0.922	1.035	1.087	0.943	0.915	1.392	0.956
Greece	1.004	1.142	0.982	0.649	1.129	0.999	1.517
Hungary	0.827	0.762	1.152	0.549	0.704	1.498	0.779
India	1.113	1.009	0.933	0.678	0.980	1.125	1.079
Iran	0.757	0.589	0.599	0.640	0.764	0.929	1.453
Ireland	0.997	1.126	1.156	1.001	1.182	1.205	0.426
Israel	0.947	0.856	1.202	1.140	1.189	1.129	0.764
Italy	0.881	0.922	1.075	0.850	1.095	1.011	0.975
Japan	0.903	1.360	0.915	0.985	0.883	1.002	0.918
Malaysia	1.057	0.958	0.544	0.540	0.992	0.860	1.354
Mexico	1.197	1.061	0.979	0.632	1.152	1.247	0.793
Netherlands	0.885	0.889	1.178	1.143	1.034	1.098	1.121
New zealand	0.816	0.626	0.865	0.688	0.804	0.944	1.180
Norway	0.812	0.807	0.976	0.459	0.806	0.904	0.759
Pakistan	1.104	1.142	0.674	0.681	0.726	1.344	1.045
Poland	0.775	0.759	1.020	0.561	0.580	1.267	0.843
Portugal	1.027	0.926	1.040	0.847	0.952	1.090	1.005
Romania	1.261	1.005	0.609	0.772	0.989	0.979	0.941
Russia	0.576	0.932	0.736	0.500	0.650	1.602	0.448

	Electrochemistry	Optics	Engineering, Electrical & Electronic	Chemistry, Analytical	Physics, Multidisciplinary	Engineering, Chemical	Materials Science, Coatings & Films
Argentina	2.055	0.343	0.143	1.690	0.945	1.297	0.706
Australia	0.918	1.028	0.558	0.835	0.829	1.294	0.621
Austria	0.397	0.906	1.267	1.016	1.353	0.384	0.905
Belgium	0.747	1.018	1.257	0.801	0.650	0.919	1.252
Brazil	1.333	0.594	0.468	1.251	0.827	1.070	0.824
Bulgaria	1.404	1.385	0.408	0.543	1.092	1.302	1.735
Canada	1.071	1.230	1.136	0.964	0.751	1.119	0.925
Chile	1.644	0.221	0.194	0.455	1.341	0.930	0.889
China	1.285	0.783	0.578	1.442	1.162	1.134	1.131
Czech	0.763	0.770	0.442	1.326	1.017	0.884	1.745
Denmark	0.603	1.889	0.949	0.718	1.295	0.686	0.369
Egypt	1.614	0.961	0.549	0.853	0.451	1.599	0.964
Finland	0.804	1.601	1.345	0.873	1.046	0.846	1.042
France	0.765	1.115	0.961	0.587	1.344	0.738	0.987
Germany	0.486	1.138	0.871	0.553	1.546	0.616	0.748
Greece	0.785	1.634	1.413	1.098	0.717	1.163	1.291
Hungary	0.815	0.594	0.325	1.196	0.902	1.166	1.458
India	0.936	0.740	0.806	0.850	0.659	1.093	1.268
Iran	1.427	0.786	0.544	1.468	0.512	2.125	1.176
Ireland	1.208	1.339	1.313	1.798	0.566	0.267	0.807
Israel	0.475	1.500	0.772	0.537	1.564	0.738	0.346
Italy	0.879	1.090	1.095	0.953	0.867	0.852	0.850
Japan	0.799	0.899	1.323	0.579	0.803	0.648	0.935
Malaysia	1.482	1.166	1.505	0.602	0.295	1.910	1.108
Mexico	1.587	1.194	0.871	0.434	1.118	1.233	1.281
Netherlands	0.269	0.908	0.823	0.566	1.436	0.977	0.526
New zealand	0.906	0.641	0.898	1.163	0.535	0.808	0.993
Norway	0.954	0.624	1.015	0.584	0.847	1.180	0.997
Pakistan	0.900	0.770	0.493	0.801	1.035	0.901	1.327
Poland	1.048	1.210	1.167	1.070	2.176	1.456	1.036
Portugal	1.126	0.491	0.498	1.274	0.688	1.288	1.203
Romania	0.550	2.341	0.585	0.822	1.162	1.317	1.516
Russia	0.479	1.316	0.852	0.344	2.529	0.506	0.405

	Metallurgy & Metallurgical Engineering	Physics, Atomic, Molecular & Chemical	Biochemistry & Molecular Biology	Pharmacology & Pharmacy	Energy & Fuels	Materials Science, Biomaterials	Biophysics
Argentina	1.139	2.112	1.112	1.030	1.790	0.837	1.011
Australia	1.143	1.119	0.963	0.936	1.318	1.331	0.835
Austria	1.548	1.989	1.357	1.599	0.528	0.742	1.176
Belgium	0.490	1.375	1.286	1.757	0.677	0.730	0.670
Brazil	0.690	0.993	0.801	1.520	0.749	1.461	0.841
Bulgaria	0.905	1.326	1.104	1.109	1.292	1.022	0.955
Canada	0.612	1.267	1.531	0.931	1.297	1.225	1.284
Chile	0.871	1.067	1.328	0.079	0.492	0.270	1.455
China	1.575	0.702	0.494	0.767	1.164	1.056	0.733
Czech	0.769	1.495	1.062	0.837	0.379	0.584	0.886
Denmark	0.384	1.439	1.290	2.312	0.918	0.899	1.256
Egypt	1.912	0.547	0.627	2.926	1.221	0.848	0.295
Finland	0.398	1.600	1.365	1.277	0.697	0.921	0.750
France	0.622	1.305	1.187	0.891	0.605	0.618	0.932
Germany	0.677	1.730	1.245	1.000	0.621	0.787	1.040
Greece	0.551	1.067	0.967	1.277	0.959	0.910	0.778
Hungary	1.456	2.095	1.481	1.545	0.595	0.652	1.466
India	1.350	0.912	0.826	1.525	0.918	1.124	0.915
Iran	1.537	0.593	0.722	1.144	0.969	0.933	0.653
Ireland	0.276	1.516	1.336	1.252	0.621	1.129	1.472
Israel	0.656	1.846	1.855	1.500	0.503	0.831	1.398
Italy	0.371	1.544	1.432	1.569	0.974	1.101	1.068
Japan	0.895	1.133	0.938	0.851	0.897	0.888	0.739
Malaysia	1.082	0.428	0.270	1.614	1.549	0.663	0.369
Mexico	0.952	1.505	0.834	0.302	1.651	0.551	0.847
Netherlands	0.235	1.316	1.548	1.515	0.692	1.084	1.426
New zealand	0.316	1.207	1.041	3.342	0.272	1.191	1.426
Norway	1.422	0.951	1.357	1.059	1.851	0.949	0.960
Pakistan	1.582	0.712	0.544	0.708	0.856	0.337	0.341
Poland	1.259	1.407	0.992	0.678	0.626	0.545	1.006
Portugal	0.510	0.863	1.490	2.025	0.795	2.438	1.614
Romania	0.993	0.730	0.531	0.688	0.318	0.865	0.330
Russia	1.473	1.491	0.685	0.272	0.600	0.146	0.472

	Chemistry, Inorganic & Nuclear	Instruments & Instrumentation	Biotechnology & Applied Microbiology	Environmental Sciences	Crystallography	Chemistry, Applied	Materials Science, Ceramics
Argentina	0.733	1.030	0.916	1.079	0.450	2.295	0.562
Australia	0.808	1.042	0.890	1.441	0.718	0.774	0.678
Austria	0.721	1.247	0.831	0.816	0.779	0.397	0.397
Belgium	0.657	0.886	1.208	1.020	0.570	1.315	0.479
Brazil	0.628	0.765	1.110	1.125	0.940	1.205	1.534
Bulgaria	1.140	1.096	1.273	0.461	1.503	1.918	1.151
Canada	0.634	1.030	1.032	1.329	0.517	0.740	0.253
Chile	1.581	0.482	0.831	1.053	1.933	1.425	1.205
China	1.634	0.843	0.929	1.059	1.456	1.301	1.130
Czech	1.110	1.542	0.792	0.632	0.785	1.068	1.459
Denmark	0.523	1.108	1.013	1.303	0.698	0.644	0.452
Egypt	1.145	0.735	0.981	0.836	0.624	2.740	2.384
Finland	0.628	1.729	1.253	1.697	0.725	0.548	0.260
France	1.401	1.030	0.701	0.796	0.799	0.966	0.836
Germany	1.006	0.982	0.669	0.566	0.953	0.568	0.568
Greece	1.855	0.886	0.922	1.099	0.779	1.247	0.658
Hungary	0.465	1.506	0.519	0.645	1.074	1.712	0.548
India	1.384	0.988	1.318	0.967	1.087	1.199	1.384
Iran	1.622	0.699	0.994	1.349	0.658	1.726	1.534
Ireland	1.169	1.247	1.870	0.645	0.926	0.356	0.240
Israel	0.483	0.753	1.208	0.770	0.456	0.390	0.418
Italy	1.145	1.410	1.214	0.770	0.893	1.192	0.973
Japan	0.674	0.892	0.636	0.533	1.302	0.705	1.377
Malaysia	0.831	1.030	1.643	0.888	1.067	1.596	1.788
Mexico	0.895	0.675	0.513	1.349	0.564	1.788	2.075
Netherlands	0.523	1.175	0.877	1.197	0.591	0.836	0.267
New zealand	2.000	1.036	1.545	1.395	1.242	1.993	0.637
Norway	0.721	0.542	1.097	2.303	0.987	1.856	1.007
Pakistan	1.110	1.795	1.396	0.862	0.718	0.979	1.719
Poland	1.273	0.693	0.331	0.625	1.262	1.548	1.014
Portugal	1.430	0.777	2.331	1.211	0.953	2.116	1.089
Romania	0.872	0.928	0.617	1.441	0.859	0.801	1.151
Russia	1.651	1.084	0.299	0.171	1.336	1.021	1.130

	Biochemical Research Methods	Chemistry, Organic	Multidisciplinary Sciences	Engineering, Biomedical	Engineering, Environmental	Engineering, Mechanical	Mechanics
Argentina	0.743	1.667	1.224	0.556	1.505	0.363	0.484
Australia	1.100	0.935	1.396	1.571	1.404	0.794	1.075
Austria	2.071	0.420	1.082	1.030	0.376	0.892	1.290
Belgium	1.107	1.268	1.306	0.639	0.881	0.578	1.032
Brazil	0.636	0.920	0.597	0.624	1.202	0.412	0.473
Bulgaria	0.600	0.507	1.881	0.316	1.156	0.686	0.452
Canada	1.586	1.326	1.172	1.414	0.917	1.196	1.559
Chile	0.800	1.043	1.433	0.361	1.174	0.314	0.516
China	0.629	0.848	0.679	0.910	1.459	0.873	0.699
Czech	1.271	1.225	0.582	0.782	0.761	0.549	0.699
Denmark	1.786	1.333	1.478	0.707	0.560	0.186	0.968
Egypt	0.786	2.348	0.127	0.654	1.385	0.853	1.247
Finland	1.207	1.841	1.224	0.774	1.073	0.735	0.753
France	0.821	1.232	1.224	0.639	0.606	0.755	1.000
Germany	1.143	1.014	1.299	0.812	0.440	0.520	0.699
Greece	0.829	1.029	0.224	1.143	2.046	1.088	1.247
Hungary	1.529	1.036	1.261	0.466	0.486	0.353	0.570
India	0.564	1.261	0.851	0.534	1.028	1.098	0.882
Iran	0.679	0.978	0.269	0.579	1.376	1.922	2.828
Ireland	1.643	0.754	0.813	1.256	0.477	0.343	0.624
Israel	0.836	0.710	1.806	1.083	0.835	0.480	1.183
Italy	1.521	1.609	1.090	1.211	0.642	0.735	1.032
Japan	0.621	1.341	0.851	0.729	0.431	0.794	0.441
Malaysia	0.493	0.500	2.463	0.617	1.982	1.882	2.763
Mexico	0.400	0.775	0.485	0.421	1.073	0.225	0.849
Netherlands	1.900	0.884	1.873	1.271	0.927	0.716	0.849
New zealand	0.757	0.768	1.381	1.391	1.459	0.775	1.570
Norway	0.886	1.145	1.097	0.850	1.550	0.333	1.097
Pakistan	0.429	0.688	0.799	0.361	0.872	1.637	1.151
Poland	0.521	0.674	0.284	0.519	0.670	0.696	0.710
Portugal	1.193	1.935	0.843	2.481	1.688	1.020	0.581
Romania	0.493	0.529	0.463	0.684	0.734	1.539	1.495
Russia	0.393	0.964	0.410	0.143	0.147	0.696	1.677

	Materials Science, Multidisciplinary	Physics, Applied	Chemistry, Physical	Chemistry, Multidisciplinary	Nanoscience & Nanotechnology	Physics, Condensed Matter	Polymer Science
Saudi arabia	1.009	0.842	0.935	0.895	0.878	0.885	1.330
Serbia	0.942	0.685	0.787	0.571	0.796	0.987	0.872
Singapore	1.331	1.424	1.310	1.337	1.627	1.000	0.663
Slovakia	0.789	1.013	0.804	0.762	0.459	1.244	0.715
Slovenia	1.079	0.794	0.933	0.645	0.758	0.842	0.769
South africa	0.840	0.642	0.778	0.634	0.634	0.876	1.657
SouthKorea	1.349	1.491	0.969	1.393	1.417	1.354	1.125
Spain	0.937	0.824	1.246	0.924	0.972	1.057	0.891
Sweden	0.989	1.073	1.163	0.893	1.117	1.209	0.955
Switzerland	0.882	1.002	1.069	1.150	1.135	1.199	0.771
Taiwan	1.144	1.439	0.878	0.743	1.212	1.012	1.015
Thailand	0.991	0.915	0.653	0.633	0.931	0.815	1.970
Turkey	0.912	0.843	0.777	0.496	0.747	1.220	1.928
UK	0.925	0.941	1.056	1.043	0.979	1.032	0.818
Ukraine	0.966	1.148	0.691	0.406	0.561	2.213	0.209
Usa	0.947	0.967	1.052	1.327	1.180	0.897	0.710

	Electrochemistry	Optics	Engineering, Electrical & Electronic	Chemistry, Analytical	Physics, Multidisciplinary	Engineering, Chemical	Materials Science, Coatings & Films
Saudi arabia	1.279	0.846	0.519	1.054	0.691	1.541	0.866
Serbia	1.155	1.336	0.449	0.669	1.818	1.541	0.886
Singapore	1.155	1.069	1.255	0.762	0.653	1.116	0.739
Slovakia	0.838	0.339	1.245	1.628	1.908	0.468	1.199
Slovenia	0.573	0.472	0.777	0.413	0.760	0.765	1.307
South africa	2.311	0.599	0.136	1.607	0.564	1.134	0.758
SouthKorea	1.276	0.671	1.017	0.796	1.124	1.026	1.291
Spain	1.021	0.853	0.648	1.388	1.055	1.273	0.797
Sweden	0.767	0.956	0.995	0.951	1.283	0.451	0.866
Switzerland	0.514	1.154	1.107	0.734	1.379	0.831	0.516
Taiwan	2.062	1.601	2.000	1.152	0.419	0.887	2.422
Thailand	1.160	0.684	0.646	1.599	0.251	1.997	1.052
Turkey	1.050	1.122	0.840	1.382	0.564	1.956	1.425
UK	0.623	1.071	0.898	0.747	1.249	0.663	0.641
Ukraine	0.555	1.295	0.636	0.641	1.500	0.250	0.794
Usa	0.591	0.926	1.182	0.724	0.838	0.602	0.516

	Metallurgy & Metallurgical Engineering	Physics, Atomic, Molecular & Chemical	Biochemistry & Molecular Biology	Pharmacology & Pharmacy	Energy & Fuels	Materials Science, Biomaterials	Biophysics
Saudi arabia	1.456	0.786	0.656	1.337	1.174	0.888	0.580
Serbia	2.599	1.600	0.307	0.609	0.887	1.388	0.699
Singapore	0.701	0.775	0.544	0.807	1.477	1.663	1.023
Slovakia	1.847	1.389	0.975	0.292	0.303	0.494	1.335
Slovenia	1.088	0.961	0.900	1.639	0.759	0.899	1.102
South africa	0.884	0.653	0.693	1.332	1.236	0.573	0.477
SouthKorea	1.095	0.488	0.568	0.658	1.149	1.051	0.642
Spain	0.656	1.509	0.950	0.822	1.118	0.854	0.852
Sweden	0.452	1.681	1.660	0.827	0.959	0.843	1.159
Switzerland	0.473	1.312	1.585	1.054	0.831	1.022	1.057
Taiwan	0.786	0.547	0.407	0.569	1.872	1.112	0.756
Thailand	0.759	0.544	0.900	2.025	1.082	2.051	1.125
Turkey	1.299	0.432	0.884	1.114	1.292	1.522	0.767
UK	0.646	1.361	1.564	1.129	0.656	0.989	1.170
Ukraine	3.660	1.102	0.494	0.144	0.538	0.348	0.273
Usa	0.531	1.147	1.556	1.035	0.846	1.084	1.364

	Chemistry, Inorganic & Nuclear	Instruments & Instrumentation	Biotechnology & Applied Microbiology	Environmental Sciences	Crystallography	Chemistry, Applied	Materials Science, Ceramics
Saudi arabia	0.622	1.169	1.591	1.875	0.617	1.253	1.014
Serbia	0.145	1.265	0.643	0.730	0.497	1.521	4.479
Singapore	0.308	1.102	1.266	1.105	0.745	0.274	0.432
Slovakia	0.855	1.060	0.474	1.059	1.181	0.500	1.610
Slovenia	0.331	0.759	1.409	1.276	1.611	1.486	3.911
South africa	1.779	0.898	1.208	2.013	1.436	1.842	0.384
SouthKorea	0.448	1.120	0.987	0.803	1.289	0.610	1.432
Spain	1.500	0.867	1.039	1.132	0.772	1.473	1.240
Sweden	0.529	0.934	1.052	0.822	0.906	0.603	0.486
Switzerland	0.831	1.193	0.773	1.559	0.617	0.603	0.466
Taiwan	0.453	1.572	1.078	1.171	0.899	0.651	1.082
Thailand	0.250	1.380	1.766	1.467	0.872	2.034	2.336
Turkey	1.047	1.211	1.994	1.184	0.664	1.815	2.021
UK	0.860	0.898	1.091	1.020	0.832	0.637	0.623
Ukraine	0.692	0.633	0.065	0.092	2.208	1.171	2.253
Usa	0.465	0.922	0.948	1.224	0.456	0.486	0.384

	Biochemical Research Methods	Chemistry, Organic	Multidisciplinary Sciences	Engineering, Biomedical	Engineering, Environmental	Engineering, Mechanical	Mechanics
Saudi arabia	0.400	1.442	0.910	0.729	2.055	1.098	1.699
Serbia	0.264	1.072	0.187	1.669	1.128	0.608	0.667
Singapore	0.693	0.616	0.955	1.789	0.963	0.853	1.043
Slovakia	0.943	0.848	0.216	0.331	0.670	0.578	2.054
Slovenia	0.900	0.826	0.425	0.947	1.257	0.784	0.860
South africa	0.529	1.348	1.313	0.421	1.193	0.824	0.903
SouthKorea	0.821	0.594	0.448	1.165	0.844	1.010	0.839
Spain	1.457	1.471	0.948	0.805	1.349	0.402	0.688
Sweden	1.564	0.964	1.597	1.180	0.587	0.794	0.419
Switzerland	1.450	1.174	2.075	1.233	1.092	0.824	0.774
Taiwan	1.207	0.667	0.485	1.353	1.147	1.127	1.075
Thailand	0.971	1.478	1.851	1.023	1.991	1.088	1.796
Turkey	0.793	0.804	0.179	1.308	1.404	0.912	1.194
UK	0.929	0.920	2.090	1.143	0.615	0.853	0.925
Ukraine	0.371	0.210	0.358	0.218	0.092	0.559	0.559
Usa	1.479	0.884	1.940	1.376	0.936	1.333	1.215