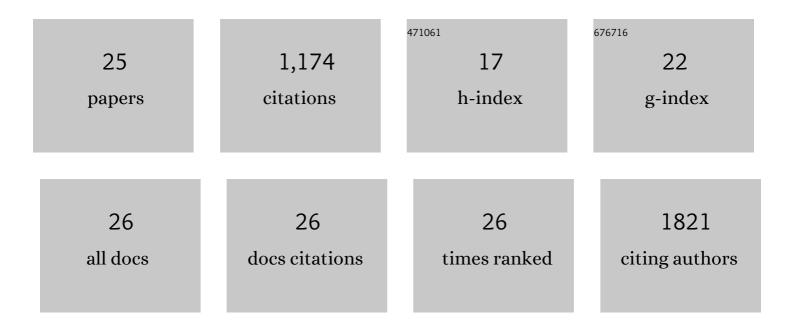
Jennifer A Soltis

List of Publications by Year in descending order

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IENNIEED A SOLTIS

#	Article	IF	CITATIONS
1	Self-similar mesocrystals form via interface-driven nucleation and assembly. Nature, 2021, 590, 416-422.	13.7	98
2	Spontaneous redox continuum reveals sequestered technetium clusters and retarded mineral transformation of iron. Communications Chemistry, 2020, 3, .	2.0	8
3	Simulation of Natural Iron Oxide Alteration in Soil: Conversion of Synthetic Ferrihydrite to Hematite Without Artificial Dopants, Observed With Magnetic Methods. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009037.	1.0	16
4	Metal–Organic Framework-Based Microfluidic Impedance Sensor Platform for Ultrasensitive Detection of Perfluorooctanesulfonate. ACS Applied Materials & Interfaces, 2020, 12, 10503-10514.	4.0	77
5	Radiation-induced Dissolution of a Recalcitrant Aluminum Oxyhydroxide in Liquid Cell TEM. Microscopy and Microanalysis, 2019, 25, 1418-1419.	0.2	0
6	Can mineral growth by oriented attachment lead to incorporation of uranium(vi) into the structure of goethite?. Environmental Science: Nano, 2019, 6, 3000-3009.	2.2	10
7	Probing the Sorption of Perfluorooctanesulfonate Using Mesoporous Metal–Organic Frameworks from Aqueous Solutions. Inorganic Chemistry, 2019, 58, 8339-8346.	1.9	51
8	Improving the sensitivity of electrochemical sensors through a complementary luminescent mode: A new spectroelectrochemical approach. Sensors and Actuators B: Chemical, 2019, 284, 663-674.	4.0	21
9	<i>In situ</i> microscopy across scales for the characterization of crystal growth mechanisms: the case of europium oxalate. CrystEngComm, 2018, 20, 2822-2833.	1.3	10
10	Membranes: Carbon Nanotube Porins in Amphiphilic Block Copolymers as Fully Synthetic Mimics of Biological Membranes (Adv. Mater. 51/2018). Advanced Materials, 2018, 30, 1870392.	11.1	0
11	Effects of Ionic Strength, Salt, and pH on Aggregation of Boehmite Nanocrystals: Tumbler Small-Angle Neutron and X-ray Scattering and Imaging Analysis. Langmuir, 2018, 34, 15839-15853.	1.6	25
12	Carbon Nanotube Porins in Amphiphilic Block Copolymers as Fully Synthetic Mimics of Biological Membranes. Advanced Materials, 2018, 30, e1803355.	11.1	29
13	Impact of Solution Chemistry and Particle Anisotropy on the Collective Dynamics of Oriented Aggregation. ACS Nano, 2018, 12, 10114-10122.	7.3	40
14	Near surface nucleation and particle mediated growth of colloidal Au nanocrystals. Nanoscale, 2018, 10, 11907-11912.	2.8	48
15	Trace Uranium Partitioning in a Multiphase Nano-FeOOH System. Environmental Science & Technology, 2017, 51, 4970-4977.	4.6	44
16	Electron Mobility and Trapping in Ferrihydrite Nanoparticles. ACS Earth and Space Chemistry, 2017, 1, 216-226.	1.2	21
17	Importance of interlayer H bonding structure to the stability of layered minerals. Scientific Reports, 2017, 7, 13274.	1.6	42
18	A Perspective on the Particle-Based Crystal Growth of Ferric Oxides, Oxyhydroxides, and Hydrous Oxides. , 2017, , 257-273.		10

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#	Article	IF	CITATIONS
19	Cation-Dependent Hierarchical Assembly of U60 Nanoclusters into Blackberries Imaged via Cryogenic Transmission Electron Microscopy. Microscopy and Microanalysis, 2016, 22, 1468-1469.	0.2	1
20	Nucleation of FAU and LTA Zeolites from Heterogeneous Aluminosilicate Precursors. Chemistry of Materials, 2016, 28, 4906-4916.	3.2	90
21	Phase Transformation and Particle-Mediated Growth in the Formation of Hematite from 2-Line Ferrihydrite. Crystal Growth and Design, 2016, 16, 922-932.	1.4	48
22	Cation-Dependent Hierarchical Assembly of U60 Nanoclusters into Macro-Ion Assemblies Imaged via Cryogenic Transmission Electron Microscopy. Journal of the American Chemical Society, 2016, 138, 191-198.	6.6	35
23	Characterizing crystal growth by oriented aggregation. CrystEngComm, 2014, 16, 1409.	1.3	104
24	Aggregation of ferrihydrite nanoparticles in aqueous systems. Faraday Discussions, 2012, 159, 235.	1.6	49
25	Oriented Aggregation: Formation and Transformation of Mesocrystal Intermediates Revealed. Journal of the American Chemical Society, 2010, 132, 2163-2165.	6.6	286