

Daniel R Willett

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tuning Localized Surface Plasmon Resonance Wavelengths of Silver Nanoparticles by Mechanical Deformation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20886-20895.	3.1	32
2	Honeycomb-like $S = 5/2$ Spin ² Lattices in Manganese(II) Vanadates. <i>Inorganic Chemistry</i> , 2016, 55, 9240-9249.	4.0	27
3	Hydrothermal synthesis of single crystals of transition metal vanadates in the glaserite phase. <i>Journal of Solid State Chemistry</i> , 2016, 236, 61-68.	2.9	22
4	Synthesis and characterization of new fluoride-containing manganese vanadates $A_2Mn_2V_2O_7F_2$ ($A=Rb$). <i>Tj ETQq0 0,0 rgBT /Overlock 19</i>	2.9	19
5	Antibacterial properties of copper iodide-doped glass ionomer-based materials and effect of copper iodide nanoparticles on collagen degradation. <i>Clinical Oral Investigations</i> , 2017, 21, 369-379.	3.0	19
6	In Vitro Testing of Sunscreens for Dermal Absorption: A Platform for Product Selection for Maximal Usage Clinical Trials. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2487-2495.	0.7	11
7	Quantitative Raman assays for on-site analysis of stockpiled drugs. <i>Analytica Chimica Acta</i> , 2018, 1044, 131-137.	5.4	10
8	Light Absorption and Scattering by Silver/Silver Sulfide Hybrid Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27024-27031.	3.1	10
9	LSPR Sensor Combining Sharp Resonance and Differential Optical Measurements. <i>Plasmonics</i> , 2014, 9, 1391-1396.	3.4	9
10	Raman mapping of fentanyl transdermal delivery systems with off-label modifications. <i>Analyst, The</i> , 2020, 145, 953-962.	3.5	7
11	Drug recrystallization in drug-in-adhesive transdermal delivery system: A case study of deteriorating the mechanical and rheological characteristics of testosterone TDS. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119132.	5.2	6
12	One-step synthesis and applications of highly concentrated silver nanoparticles with an ultra-thin silica shell. <i>RSC Advances</i> , 2016, 6, 108136-108145.	3.6	4
13	Parallel, open-channel lateral flow (immuno) assay substrate based on capillary-channeled polymer films. <i>Analyst, The</i> , 2016, 141, 807-814.	3.5	1
14	Impressively printing patterns of gold and silver nanoparticles. <i>Nano Select</i> , 2021, 2, 2407-2418.	3.7	0