

Andreas Reyer

List of Publications by Year in descending order

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16
papers

334
citations

840776

11
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940533

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16
docs citations

16
times ranked

606
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface Instability of Fe-Stabilized $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ versus Li Metal. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3780-3785.	3.1	83
2	Understanding the Polymerization of Polyfurfuryl Alcohol: Ring Opening and Diels-Alder Reactions. <i>Polymers</i> , 2019, 11, 2126.	4.5	39
3	Raman spectroscopic investigation of tannin-furanic rigid foams. <i>Vibrational Spectroscopy</i> , 2016, 84, 58-66.	2.2	25
4	Glass transition of polystyrene (PS) studied by Raman spectroscopic investigation of its phenyl functional groups. <i>Materials Research Express</i> , 2017, 4, 015303.	1.6	24
5	Synthesis of amorphous and graphitized porous nitrogen-doped carbon spheres as oxygen reduction reaction catalysts. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 1-15.	2.8	23
6	Investigation of Mass-Produced Substrates for Reproducible Surface-Enhanced Raman Scattering Measurements over Large Areas. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25445-25454.	8.0	21
7	Investigation of the Brill transition in nylon 6,6 by Raman, THz-Raman, and two-dimensional correlation spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 433-441.	3.9	19
8	Three-Dimensional Electrochemical Axial Lithography on Si Micro- and Nanowire Arrays. <i>Nano Letters</i> , 2018, 18, 7343-7349.	9.1	18
9	Chemical constitution of polyfurfuryl alcohol investigated by FTIR and Resonant Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120090.	3.9	18
10	Determination of the temperatures of the $\hat{1}^3$, $\hat{1}^2$ and $\hat{1}^\pm$ relaxation processes in nylon 6,6 by Raman spectroscopy. <i>Polymer</i> , 2016, 106, 85-90.	3.8	16
11	Raman spectroscopic insights into the glass transition of poly(methyl methacrylate). <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 1649-1665.	2.8	12
12	Low Temperature Synthesis of Aegirine $\text{NaFeSi}_2\text{O}_6$: Spectroscopy (^{57}Fe Mössbauer, Raman) and Size/Strain Analysis from X-ray Powder Diffraction. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 444.	2.0	11
13	Structural and spectroscopic characterization of the brownmillerite-type $\text{Ca}_2\text{Fe}_{2-x}\text{Ga}_x\text{O}_5$ solid solution series. <i>Physics and Chemistry of Minerals</i> , 2019, 46, 271-298.	0.8	10
14	Introduction to Terahertz Raman spectroscopy. <i>Spectroscopy Letters</i> , 2018, 51, 438-445.	1.0	9
15	Tannin-furanic foams used as biomaterial substrates for SERS sensing in possible wastewater filter applications. <i>Materials Research Express</i> , 2021, 8, 115404.	1.6	4
16	Structural and Raman spectroscopic characterization of pyroxene-type compounds in the $\text{CaCu}_{1-x}\text{Zn}_x\text{Ge}_2\text{O}_6$ solid-solution series. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 419-431.	1.1	2