

Anton A Valeev

List of Publications by Year in descending order

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22
papers

161
citations

1163117

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1199594

12
g-index

22
all docs

22
docs citations

22
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	CARS diagnostics of molecular media under nanoporous confinement. Laser Physics, 2008, 18, 1451-1458.	1.2	29
2	Vibrational line shapes of liquid and subcritical carbon dioxide in nanopores. Journal of Raman Spectroscopy, 2008, 39, 750-755.	2.5	21
3	CARS diagnostics of fluid adsorption and condensation in small mesopores. Journal of Raman Spectroscopy, 2011, 42, 1747-1753.	2.5	21
4	Linewidths and shifts of carbon dioxide CARS spectra near the critical point. Journal of Raman Spectroscopy, 2003, 34, 952-956.	2.5	17
5	Collisionally induced dephasing and rotational energy transfer in the CO ₂ Fermi dyad $\nu_2 + \nu_1$ branch 1388 cm ⁻¹ . Journal of Raman Spectroscopy, 2007, 38, 1046-1051.	2.5	14
6	Collisionally induced dephasing and rotational energy transfer in the CO ₂ Fermi dyad $\nu_2 + \nu_1$ branch 1285 cm ⁻¹ . Journal of Raman Spectroscopy, 2007, 38, 1038-1045.	2.5	13
7	Phase behavior of the molecular medium in nanopores and vibrational spectra structure transformation. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo) Tj ETQq1 1 0.784314 rgBT14 Overlo	1.0	10
8	Broadening peculiarities of vibrational bands in the spectrum of carbon dioxide close to the critical temperature. Russian Journal of Physical Chemistry B, 2010, 4, 1245-1251.	1.3	11
9	CARS diagnostics of phase transitions of molecular media confined in nanopores. , 2009, , .		4
10	Spectral characteristics of subcritical carbon dioxide in nanopores. Russian Journal of Physical Chemistry B, 2009, 3, 1062-1066.	1.3	4
11	Simple Universal Kelvin Equation Valid in Critical Point Vicinity and its Application to Carbon Dioxide Capillary Condensation in Mesoporous Silica. Solid State Phenomena, 0, 265, 392-397.	0.3	4
12	CARS spectroscopy of carbon dioxide in the critical point vicinity. Quantum Electronics, 2004, 34, 86-90.	1.0	3
13	Simple Universal Kelvin Equation Valid in the Critical Point Vicinity, External-Internal State Correction, and their Application to Nitrogen Capillary Condensation in Mesoporous Silica SBA-15. Solid State Phenomena, 0, 284, 801-806.	0.3	3
14	Temporal dynamics of parametric transformation in a Raman-active medium with the induced rotational coherence. Quantum Electronics, 2002, 32, 54-58.	1.0	2
15	Simple Universal Kelvin Equation Valid in Critical Point Vicinity, External-Internal State Correction, and their Application in Argon Capillary Condensation in Mesoporous Silica MCM-41. IOP Conference Series: Earth and Environmental Science, 2018, 194, 042025.	0.3	2
16	Dynamics of generation of subpicosecond pulses in semiconductor injection lasers. Quantum Electronics, 2000, 30, 167-170.	1.0	0
17	Generation of cascade Stokes and anti-Stokes components by stimulated Raman scattering in gases. , 2002, 4748, 217.		0
18	Polychromatic solitons in the case of four-photon Raman parametric interaction. Quantum Electronics, 2003, 33, 520-524.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Transient CARS spectroscopy of rotational transitions in H ₂ : the statistical dependences of the Doppler and collision dephasing. Quantum Electronics, 2005, 35, 128-134.	1.0	0
20	Simple universal Kelvin equation valid in critical point vicinity, external-internal state correction, and their application in understanding of normal pentane capillary evaporation and condensation in mesoporous silica MCM-41. Journal of Physics: Conference Series, 2019, 1384, 012064.	0.4	0
21	Simple Universal Kelvin Equation Valid in Critical Point Vicinity, External-Internal State Correction, and their Application in Understanding of Oxygen Capillary Evaporation and Condensation in Mesoporous Silica MCM-41. Solid State Phenomena, 2020, 299, 270-274.	0.3	0
22	The Application of Solar Power Plant for Power Supply of the Cottage Complex. , 2020, , .		0