

Arnaud Dessombz

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

801
citations

567281

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26
all docs

26
docs citations

26
times ranked

897
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenic Role of Basic Calcium Phosphate Crystals in Destructive Arthropathies. PLoS ONE, 2013, 8, e57352.	2.5	92
2	Comprehensive morpho-constitutional analysis of urinary stones improves etiological diagnosis and therapeutic strategy of nephrolithiasis. Comptes Rendus Chimie, 2016, 19, 1470-1491.	0.5	89
3	Design of Liquid-Crystalline Aqueous Suspensions of Rutile Nanorods: Evidence of Anisotropic Photocatalytic Properties. Journal of the American Chemical Society, 2007, 129, 5904-5909.	13.7	83
4	Prostatic Stones: Evidence of a Specific Chemistry Related to Infection and Presence of Bacterial Imprints. PLoS ONE, 2012, 7, e51691.	2.5	60
5	Shedding Light on the Chemical Diversity of Ectopic Calcifications in Kidney Tissues: Diagnostic and Research Aspects. PLoS ONE, 2011, 6, e28007.	2.5	53
6	Calcium Phosphate Stone Morphology Can Reliably Predict Distal Renal Tubular Acidosis. Journal of Urology, 2015, 193, 1564-1569.	0.4	52
7	The status of strontium in biological apatites: an XANES/EXAFS investigation. Journal of Synchrotron Radiation, 2014, 21, 136-142.	2.4	43
8	Comparative Physicochemical Analysis of Pulp Stone and Dentin. Journal of Endodontics, 2016, 42, 432-438.	3.1	39
9	Magnetic Nanorods Confined in a Lamellar Lyotropic Phase. Langmuir, 2008, 24, 8205-8209.	3.5	34
10	Combining ^{67}Zn -X-ray fluorescence, ^{67}Zn -XANES and ^{67}Zn -XRD to shed light on Zn^{2+} cations in cartilage and meniscus calcifications. Journal of Trace Elements in Medicine and Biology, 2013, 27, 326-333.	3.0	34
11	Urate-induced acute renal failure and chronic inflammation in liver-specific Glut9 knockout mice. American Journal of Physiology - Renal Physiology, 2013, 305, F786-F795.	2.7	34
12	Combining field effect scanning electron microscopy, deep UV fluorescence, Raman, classical and synchrotron radiation Fourier transform Infra-Red Spectroscopy in the study of crystal-containing kidney biopsies. Comptes Rendus Chimie, 2016, 19, 1439-1450.	0.5	23
13	Chemical diversity of calcifications in thyroid and hypothetical link to disease. Comptes Rendus Chimie, 2016, 19, 1672-1678.	0.5	22
14	Asporin and the Mineralization Process in Fluoride-Treated Rats. Journal of Bone and Mineral Research, 2014, 29, 1446-1455.	2.8	20
15	FAM20A Gene Mutation: Amelogenesis or Ectopic Mineralization?. Frontiers in Physiology, 2017, 8, 267.	2.8	13
16	High Prevalence of Opaline Silica in Urinary Stones From Burkina Faso. Urology, 2015, 86, 1090-1096.	1.0	12
17	Structural elucidation of silica present in kidney stones coming from Burkina Faso. Comptes Rendus Chimie, 2016, 19, 1573-1579.	0.5	12
18	Physicochemical analysis of human pulpal mineralization secondary to FAM20A mutations. Connective Tissue Research, 2018, 59, 46-51.	2.3	12

#	ARTICLE	IF	CITATIONS
19	Evidence for Photoconductivity Anisotropy in Aligned TiO ₂ Nanorod Films. Journal of Physical Chemistry C, 2010, 114, 19799-19802.	3.1	11
20	Duration of JJ stent in situ is critical: An ultrastructural and mechanical investigation. Comptes Rendus Chimie, 2016, 19, 1597-1604.	0.5	8
21	Aqueous Co-precipitated Ti _{0.5} Sn _{0.5} O ₂ Nanopowders as Precursors for Dense Spinodally Decomposed Ceramics. Journal of the American Ceramic Society, 2011, 94, 4226-4230.	3.8	6
22	Mineral studies in enamel, an exemplary model system at the interface between physics, chemistry and medical sciences. Comptes Rendus Chimie, 2016, 19, 1656-1664.	0.5	6
23	Reply. Urology, 2015, 86, 1096.	1.0	0