Sigal Trattner

List of Publications by Year
in descending order

9 papers	**266** citations	1684188 **5** h-index	1588992 **8** g-index
9 all docs	**9** docs citations	**9** times ranked	**524** citing authors

#	ARTICLE	IF	CITATIONS
1	High correlation between radiation dose estimates for 256â€slice CT obtained by highly parallelized hybrid Monte Carlo computation and solidâ€state metalâ€oxide semiconductor fieldâ€effect transistor measurements in physical anthropomorphic phantoms. Medical Physics, 2019, 46, 5216-5226.	3.0	2
2	Cardiac-Specific Conversion Factors to Estimate Radiation Effective Dose From Dose-Length Product in Computed Tomography. JACC: Cardiovascular Imaging, 2018, 11, 64-74.	5.3	111
3	Estimating Effective Dose of Radiation From Pediatric Cardiac CT Angiography Using a 64-MDCT Scanner: New Conversion Factors Relating Dose-Length Product to Effective Dose. American Journal of Roentgenology, 2017, 208, 585-594.	2.2	20
4	Radiation Safety in Children With Congenital and Acquired Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 797-818.	5.3	78
5	Calibration and error analysis of metalâ€oxideâ€semiconductor fieldâ€effect transistor dosimeters for computed tomography radiation dosimetry. Medical Physics, 2017, 44, 6589-6602.	3.0	4
6	Sample size requirements for estimating effective dose from computed tomography using solid-state metal-oxide-semiconductor field-effect transistor dosimetry. Medical Physics, 2014, 41, 042102.	3.0	4
7	Validity criterion for the Born approximation convergence in microscopy imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 1147.	1.5	14
8	Can Born Approximate the Unborn? A New Validity Criterion for the Born Approximation in Microscopic Imaging. , 2007, , .		4
9	Automatic Identification of Bacterial Types Using Statistical Imaging Methods. IEEE Transactions on Medical Imaging, 2004, 23, 807-820.	8.9	29