

## Highly cited papers in Pigment Cell & Melanoma Research

Top 20 of the most cited articles published in Pigment Cell & Melanoma Research in 2008 and 2009

| Rank | Authors   | Title   | Type    | Cites | Year | Vol | Iss |
|------|---|---|---------|-------|------|-----|-----|
| 1    | Bennett, DC   | How to make a melanoma: what do we know of the primary clonal events?   | Review  | 27    | 2008 | 21  | 1   |
| 2    | Lutzky, J; Bauer, J; Bastian, BC  | Dose-dependent, complete response to imatinib of a metastatic mucosal melanoma with a K642E KIT mutation                        | Letter  | 25    | 2008 | 21  | 4   |
| 3    | Schatton, T; Frank, MH  | Cancer stem cells and human malignant melanoma  | Review  | 24    | 2008 | 21  | 1   |
| 4    | Tran, TNT; Schulman, J; Fisher, DE  | UV and pigmentation: molecular mechanisms and social controversies  | Article | 14    | 2008 | 21  | 5   |
| 5    | Marrot, L; Jones, C; Perez, P; Meunier, JR  | The significance of Nrf2 pathway in (photo)-oxidative stress response in melanocytes and keratinocytes of the human epidermis   | Article | 14    | 2008 | 21  | 1   |
| 6    | Wakamatsu, K; Hu, DN; McCormick, SA; Ito, S                                       | Characterization of melanin in human iridal and choroidal melanocytes from eyes with various colored irides                     | Article | 14    | 2008 | 21  | 1   |
| 7    | Hersey, P; Zhang, XD  | Adaptation to ER stress as a driver of malignancy and resistance to therapy in human melanoma                                   | Review  | 13    | 2008 | 21  | 3   |
| 8    | McGraw, KJ  | An update on the honesty of melanin-based color signals in birds  | Review  | 13    | 2008 | 21  | 2   |
| 9    | Yajima, I; Larue, L   | The location of heart melanocytes is specified and the level of pigmentation in the heart may correlate with coat color         | Article | 11    | 2008 | 21  | 4   |
| 10   | Fried, L; Arbiser, JL   | The reactive oxygen-driven tumor: relevance to melanoma   | Review  | 11    | 2008 | 21  | 2   |
| 11   | Cartlidge, RA; Thomas, GR; Cagnol, S; Jong, KA; Molton, SA; Finch, AJ; McMahon, M | Oncogenic BRAF(V600E) inhibits BIM expression to promote melanoma cell survival   | Article | 10    | 2008 | 21  | 5   |
| 12   | Brito, FC; Kos, L   | Timeline and distribution of melanocyte precursors in the mouse heart   | Article | 10    | 2008 | 21  | 4   |
| 13   | Le Pape, E; Wakamatsu, K; Ito, S; Wolber, R; Hearing, VJ                          | Regulation of eumelanin/pheomelanin synthesis and visible pigmentation in melanocytes by ligands of the melanocortin 1 receptor | Article | 10    | 2008 | 21  | 4   |
| 14   | Javelaud, D; Alexaki, VI; Mauviel, A  | Transforming growth factor-beta in cutaneous melanoma   | Review  | 10    | 2008 | 21  | 2   |

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|----|---|---|---------|---|------|----|---|
| 15 | Thomas, AJ;<br>Erickson, CA   | The making of a melanocyte: the specification of melanoblasts from the neural crest                             | Review  | 9 | 2008 | 21 | 6 |
| 16 | Liu, SH; Ren, SP;<br>Howell, P;<br>Fodstad, O; Riker, AI  | Identification of novel epigenetically modified genes in human melanoma via promoter methylation gene profiling | Article | 7 | 2008 | 21 | 5 |
| 17 | Yokoyama, S;<br>Feige, E; Poling, LL; Levy, C;<br>Widlund, HR;<br>Khaled, M; Kung, AL; Fisher, DE   | Pharmacologic suppression of MITF expression via HDAC inhibitors in the melanocyte lineage                      | Article | 7 | 2008 | 21 | 4 |
| 18 | Kumano, K;<br>Masuda, S; Sata, M; Saito, T; Lee, SY; Sakata-Yanagimoto, M; Tomita, T; Iwatsubo, T; Natsugari, H; Kurokawa, M; Ogawa, S; Chiba, S                                      | Both Notch1 and Notch2 contribute to the regulation of melanocyte homeostasis                                   | Article | 7 | 2008 | 21 | 1 |
| 19 | Hoek, KS;<br>Schlegel, NC;<br>Eichhoff, OM;<br>Widmer, DS;<br>Praetorius, C;<br>Einarsson, SO;<br>Valgeirsdottir, S;<br>Bergsteinsdottir, K; Schepsky, A; Dummer, R; Steingrimsson, E | Novel MITF targets identified using a two-step DNA microarray strategy  | Article | 6 | 2008 | 21 | 6 |
| 20 | Bennett, DC   | Ultraviolet wavebands and melanoma initiation   | Article | 6 | 2008 | 21 | 5 |